

Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 3

OAK RIDGE, TENNESSEE

Tuesday, January 25, 1949

Letters Of Congratulation Received On Safety Mark

FOR INTER-COMPANY CORRESPONDENCE

CARBIDE AND CARBON CHEMICALS CORPORATION

30 EAST 42nd STREET, NEW YORK 17, NEW YORK

To (Name) Dr. C. E. Larson
Company Y-12 Plant
Location OAK RIDGE, TENNESSEE
Date January 11, 1949
Originating Dept. WORKS MANAGER'S DEPARTMENT
Answering letter date
Copy to Mr. C. E. Center
Mr. A. F. Tyra
Mr. S. W. Pickering, II

UNION CARBIDE AND CARBON CORPORATION
SAFETY DIVISION
INDUSTRIAL RELATIONS DEPARTMENT
P. O. BOX 6067
CLEVELAND 1, OHIO
January 11, 1949

Dr. C. E. Larson
Carbide and Carbon Chemicals Corporation
Y-12 Plant
Oak Ridge, Tennessee

Dear Dr. Larson:

We were pleased to receive your letter notifying us that the employees of the Y-12 plant had worked 1,624,130 accident-free hours as of December 31, 1948.

Mr. W. H. Winans, Manager, and Mr. H. Haas, Assistant Manager of Industrial Relations for the Corporation, join me in congratulating you and your fellow employees of the Y-12 plant for this fine achievement in accident prevention, and with our best wishes hope that you will add many more accident-free hours to your record.

In recognition of your safety accomplishment, a bronze plaque will be presented by the Corporation to you and the employees of the Y-12 plant.

Very truly yours,

A. F. Tyra

At the left praise is bestowed by H. D. Kinsey, Works Manager of Carbide and Carbon Chemicals Corporation while the letter at the right is from A. F. Tyra, of the Safety Section of Union Carbide and Carbon Corporation.

Dear Dr. Larson:

It has been noted that the Y-12 plant has compiled a record of more than 1,500,000 man-hours worked without a lost time accident. This will entitle the plant to certain recognition accorded by the Corporation for such records. In addition it should be a source of gratification to everyone in the Y-12 plant for his part in making such a record possible. It is now generally recognized that no safety program can be successful without the whole-hearted cooperation of every employee.

It is hoped that the enthusiasm generated by this accomplishment will carry you on to greater records in the field of safety.

Very truly yours,

H. D. Kinsey

H. D. Kinsey/gv

ALL Y-12 EMPLOYEES CAN TAKE PRIDE IN THE LETTERS pictured above that offer congratulations to the plant for the splendid safety record established during the past several months.

Camera Club To Study How To Make Portraits

Interesting instruction in taking portraits, the actual making of the pictures and criticisms of the results will compose the next two programs of the Carbide Camera Club, it has been announced by Nat Stetson, Y-12 employee in Dept. H12E, vice president and program chairman of the club. These sessions will be held Tuesday, February 8, at 7:30 p.m.; and the same hour Tuesday, March 8, at the club headquarters in the Y-12 East Portal with President Harry Bainbridge, also of Y-12 in Dept. B12H, presiding.

The demonstrations in portrait taking techniques will be given by Robin Thompson, a former Y-12 employee who now is a professional photographer in Fountain City. In the February meeting he will give instruction in posing models, proper lighting and other details. Members Asked To Bring Cameras

Postal cards already have been sent to members of the club inviting them to bring cameras and other necessary equipment to the (Continued On Page 2)

New Water Lines To Gates Are Now Under Construction

Construction work now is under way on new water lines to the new Oak Ridge gates, Kerr Hollow on Bethel Road and Oak Ridge Turnpike west of the city limits. The Stein Construction Co., Chattanooga, Tenn., is doing the work under a \$69,974 sub-contract awarded by Roane-Anderson Co.

The line to the Kerr Hollow gate also will serve the Scarboro School building, previously served by a well although a raw water line furnishes fire protection. This line, when completed, will extend 10,786 feet from an existing water main near Y-12. The line to the Turnpike gate will be 8,717 feet long, originating from a connection near Oak Ridge Turnpike and Bradley Ave.

Y-12ers Are Active In Planning State Meeting Here Saturday

Cliff Henderson, Y-12 Chief Safety Engineer, is in charge of the committee for the Junior Chamber of Commerce banquet scheduled for Saturday night, January 29 at Oak Terrace. The banquet is part of the festivities in store for the quarterly meeting of the state Jaycees which is to be held in Oak Ridge.

Several Y-12 employees are chairmen of various committees. Don Matlock is in charge of entertainment and Leo Hemphill is in charge of the planning committee which is elaborately decorating the Oak Terrace.

The Oak Ridge "Man of the Year" award will be made at the banquet and the ceremonies will be broadcast over radio station WATO from 9 p.m. to 9:30 p.m., Saturday, January 29. The state "Man of the Year" award will be made at the same time.

Many national officers and past officers of the Junior Chamber of Commerce will be present at the functions. A tour of the area is planned for Saturday morning for all of the visiting delegates.

Deadline For Safety Lane Stickers Is February 1

The deadline for obtaining Oak Ridge Safety Lane stickers signifying motor vehicles are safe for operation in the Atomic City is February 1, it has been pointed out by the Oak Ridge Public Safety Department. The lane has been open for the inspection of all vehicles in the Oak Ridge area since November 30.

All Y-12 owners of motor vehicles are reminded that Oak Ridge Safety Lane stickers are required of all vehicles operating in the area more than one day each week unless they have stickers from other recognized lanes.

Minor League Groups Attendance Better

Six departments in the Minor League reported perfect attendance for the week ending January 16 to renew the league's run on perfect records. The Minor League usually reports five or six groups all present each week; however their attendance has dropped for the last few reporting periods.

The six groups with perfect attendance include Dept. A13S, Tools; Dept. A14J, Fire; Dept. A12T, Transportation; Dept. A12R, Cafeteria and Canteens; Dept. A19N, Laundry; and Dept. A13W, Development Engineering.

H12E Leads Major League
Dept. H12E, Process Development, led the Major League in attendance with 1.05 per cent of its personnel absent, taking first place in the loop.

Second place in the Major League went to Dept. A20N, Field Maintenance, with a report of 1.13 (Continued On Page 2)

'The Oak Ridger' Makes Appearance As Daily Newspaper To Serve Residents Of Atomic City

The Y-12 Bulletin and other plant publications of Carbide and Carbon Chemicals Corporation are extending a greeting to The Oak Ridger, daily newspaper that made its appearance last Thursday afternoon to the journalistic field of the Atomic City.

The first issue of the paper was published in its quarters in the old Oak Ridge Laundry building on Tyrone Road near Jackson Square, after four months of preparation. Owners of The Oak Ridger are Alfred G. and Julia C. Hill, publishers of the Chester, Pa., Times. Both of them have extensive experience in publishing newspapers in cities approximately the same size as Oak Ridge.

In direct charge of operations here is Don J. McKay, with the title of publisher. He formerly was advertising manager of the Chester Times. Managing editor is Richard



Don J. McKay

Smyser, also coming from the Chester Times. Joe Hill comes from Spencer, Iowa, as city editor and Dale Byrne, also from Spencer, is in charge of the advertising.

Circulation manager is Joe Leiser. Oak Ridge residents now with the paper include Dewey Robinson, formerly with Oak Ridge National Laboratory, as assistant to Leiser; Bob Robbins, former Recreation and Welfare employee, as office manager; and others. Correspondents to aid the news staff have been located in various parts of the city.

The Oak Ridger will be distributed free of charge to all residents of the city until Friday, February 4, when a subscription rate of 15c per week will be charged. The Oak Ridger will be published every afternoon except Saturdays and Sundays.

Y-12 Is Praised For Fine Plant Safety Record

Two highly prized letters of congratulation on the excellent safety record prevailing in Y-12 and hopes for a continuance of this trend have been received by Dr. C. E. Larson, Y-12 Superintendent. The letters came from H.D. Kinsey, Works Manager of Carbide and Carbon Chemicals Corporation and A.F. Tyra, of the Safety Section of Union Carbide and Carbon Corporation.

Y-12 employees on December 31, 1948, had extended their accident-free mark to 1,624,130 work-hours without a lost time accident and at press time of The Y-12 Bulletin last Friday had extended the period of work without such a mishap to 150 days. The 2,000,000 man-hours of accident-free work was rapidly approaching at that time.

Eligible For Individual Awards

By establishing a mark of 1,500,000 hours worked without a lost time accident over the Christmas week end the Y-12 plant became eligible for the Union Carbide award of a plaque to the plant and individual awards to employees who made this record possible. Arrangements now are being made to obtain these individual awards and further announcement as to the available variety and description of items with dates and methods of distribution will be made as soon as possible in The Y-12 Bulletin.

Employees at the Oak Ridge National Laboratory reached the 1,500,000 hours worked without a lost time accident mark December 30, 1948, and also are eligible for the Union Carbide plant award and individual awards.

Safety Score Mounts Steadily

The last lost time accident in Y-12 occurred August 23, 1948, and the previous period without such an accident was 90 days. Starting on that August date another 90-day accident-free period was reached November 23, 1948, and the figures on accident-free days on the safety scoreboards at the three Y-12 portals have been mounting steadily.

The text of the letter from Mr. Kinsey follows:

Dear Dr. Larson:
It has been noted that the Y-12 plant has compiled a record of more than 1,500,000 man-hours worked without a lost time accident. This will entitle the plant to certain recognition accorded by the Corporation for such records. In addition it should be a source of gratification to everyone in the Y-12 plant for his part in making such a record possible; It is (Continued On Page 2)

ACS East Tennessee Section Will Meet On February 2

No. 3 - ACS East Tennessee

The February meeting of the East Tennessee Section of the American Chemical Society will be held at 8 p.m., Wednesday, February 2, in the Pine Valley School auditorium on New York Ave. A dinner meeting will precede the business session and will be held at the Oak Terrace at 6:30 p.m.

Speaker for the business session will be Dr. T.H. Emmett, of the Mellon Institute, whose topic will be "Current Concept on Physical and Chemical Absorption of Gases on Solids."

Reservations for the dinner may be obtained by telephoning H.P. House at 7026.

Y-12 Bulletin

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Legionnaires To Make Lenoir City Jaunt

All Y-12 members of Atomic City Post, No. 199, American Legion, are urged to join the post motorcade to Lenoir City tonight where Legionnaires of the Second District will hold a regular district meeting. Y-12ers can make arrangements for the trip and receive information on the jaunt from Paul Pennington, post sergeant-at-arms, whose telephone number is 7681.

According to Pennington, the motorcade will leave from the Legion home, Grove Center, at 6 p.m. and arrive in Lenoir City in time for a dinner and meeting at 7:15 p.m. A number of leading state officials of the Legion will attend the Lenoir City meeting:

Charles E. Boone, commander of Atomic City Post, has announced that the Oak Ridge delegation will take the Oak Ridge band to Lenoir City and that the post has arranged an interesting program for the event. Don Cowan, former Y-12 employee and an accomplished pianist; and L.W. Bevell, accordionist, also will be on the program.

Pennington is captain of a team of Legionnaires in Y-12 seeking new members for the post in the annual 1949 campaign.

Minor Leagues Renew Race In Attendance Standings

(Continued From Page 1)
per cent. Dept. A12M, Manufacturing Offices, reported 1.7 per cent to win third place in the league. They were almost edged by Dept. A12S, Receiving Stores and Shipping, with 1.9 per cent. Second place in the Minor League was taken by Dept. A12V, Plant Engineering, with a report of .5 per cent. Dept. M12M, reported .95 per cent to take third place in the Minor League;

Plant Absenteeism Rises
The plant average for the week ending January 16 was 3.1 per cent. This is an increase of .3 per cent over the preceding week.

The plant absenteeism for Y-12 for the week ending January 16 by departments follows:

MAJOR LEAGUE			
More than 50 Employees Scheduled			
Dept.	Absent	Percentage	Standing
			1-16-49 1-9-49
H12E	1.05		1 2
A20N	1.13		2 1
A12M	1.7		3 9
A12S	1.9		4 3
A12G	2.4		5 8
B12H	2.68		6 7
A16N	2.69		7 4
M12P	2.8		8 5
H12L	3.2		9 11
M15P	3.7		10 13
A13N	4.86		11 15
A14N	4.88		12 10
B13L	5.1		13 6
H12D	5.3		14 12
A17N	5.4		15 14
B12L	5.8		16 16

Group absentee percentage was 3.3 per cent, .4 per cent higher than the preceding week.

MINOR LEAGUE			
15-49 Employees Scheduled			
Dept.	Absent	Percentage	Standing
			1-16-49 1-9-49
A13S	0.0		1 1
A14J	0.0		1 2
A12T	0.0		1 5
A12R	0.0		1 10
A19N	0.0		1 12
A13W	0.0		1 14
A12W	0.5		2 11
M12M	0.95		3 1
B12A	1.02		4 3
A21N	1.1		5 1
A13T	1.6		6 6
A15N	3.2		7 8
M12S	3.4		8 7
A12N	5.0		9 4
A12D	7.4		10 13
A12A	10.5		11 9

Group absentee percentage was 2.4 per cent, .1 per cent higher than the preceding week.

The plant average for the week ending January 16 was 3.1 per cent, .3 per cent higher than the preceding week.

Y-12 Highly Praised For Fine Safety Mark

(Continued From Page 1)
now generally recognized that no safety program can be successful without the cooperation of every employee. It is hoped that the enthusiasm generated by this accomplishment will carry you on to greater records in the field of safety.

Very Truly Yours
H. D. Kinsey

From Mr. Tyra came the following letter:

Dear Dr. Larson:
We were pleased to receive your letter notifying us that the employees of the Y-12 plant had worked 1,624,130 accident-free hours as of December 31, 1948.

Mr. W. H. Winans, Manager, and Mr. H. Haas, Assistant Manager of Industrial Relations for the Corporation, join me in congratulating you and your fellow employees of the Y-12 plant for this fine achievement in accident prevention, and with our best wishes hope that you will add many more accident-free hours to your record.

In recognition of your safety accomplishments, a bronze plaque will be presented by the Corporation to you and the employees of the Y-12 plant.

Very Truly Yours
A. F. Tyra

New High School Will Open For Use In September, 1950

A new high school to be ready for occupancy in September, 1950, will be erected east of Grove Center south of Providence Road, it has been announced by the Atomic Energy Commission. Bids for construction of the new school will be asked for in about three months as final design plans are nearing completion, according to the AEC.

One feature of the new school will be an auditorium with a seating capacity of 1,500 persons which can serve as a municipal auditorium. When completed, the new high school will replace the present Oak Ridge High School, which will serve as a second junior high school.

The AEC also announced that the A. Farnell Blair Co., Atlanta, Ga., is the low bidder for construction of a new elementary school to be located east of Scarboro Road and south of the Oak Ridge Turnpike in the new housing development. Meanwhile, progress is well under way on construction of another elementary school on Robertsville Road, which will be ready for use in October of this year.

Community Chorus To Give One Concert February 5

Only one concert instead of two will be given next week end by the Oak Ridge Community Chorus, the group has announced. This performance, the second of the season for the choral group, will be staged at 8:15 p.m. Saturday, February 5, at the high school auditorium.

Under direction of Riley Barrett, the chorus has been busily rehearsing a miscellaneous program for the concert. Among the numbers to be offered will be selections by Bach and folk songs of various nationalities.

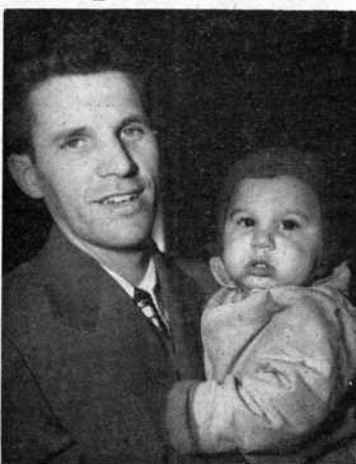
The Community Chorus appearance is sponsored by the Oak Ridge Civic Music Association. Association officials have announced that a number of tickets for non-members will be available at the box office on the night of the concert for \$1 each. Members are admitted on membership cards.

Excursionists Give Papers To Pilots

News dispatches from Boston, Mass., tell of the lonely life led by crews of pilot boats that cruise off Boston Light, 10 miles off shore, sometimes for a week at a time out of touch with land.

Now each day the crew of an excursion fishing boat, the Westport, collects newspapers and magazines from passengers and swing by the pilot boats to leave the consignment of reading matter.

Fosters Favor 'New-Fangled' Baby Raising



Ward Foster And Danny

Despite being comprehensively quoted recently in the Knoxville News-Sentinel on his ideas of rearing babies, Ward Foster, Y-12 employee in Dept. H12D, definitely now declares he is not going to "hang out a shingle" as a baby specialist. He and Mrs. Foster are well pleased with the progress being made by Danny, age 10½ months.

Foster and his wife were cornered one afternoon by an inquiring reporter for the newspaper. The inquiring reporter wanted to know the opinion of persons picked at random on conclusions by baby specialists in the country that the "old fashioned, common-sense" way of raising infants probably is better than "new-fangled scientific methods." Specifically, the specialists declared, "it's all right for a baby to be rocked to sleep, to suck its thumb and to choose its own food."

Disagree With "Experts"

Right there the Fosters disagreed with the "experts" and sided with the "best modern methods." Said Foster in reply to the inquiring reporter:

"Well, we've brought our baby up on specialized diets and he seems to be doing all right. I do think it's much better to bring them up according to the best modern methods, and I don't think thumb sucking is a good idea."

Mrs. Foster went even further in defending the "new-fangled" methods. She said:

Wife Favors Specialized Care

"I agree that the best specialized care is better. Our baby has had a planned, specialized diet and he seems to be thriving on it. I really don't know about thumb sucking, since Danny hasn't started it. I don't think it would be a good idea though."

Far be it from the scope of The Y-12 Bulletin to even hint that an argument should be started over the topic of bringing up baby—but if any of you other Y-12 employees have any pronounced ideas—why just let us have them.

Colorado Claims Texas Smaller

Now a new argument is brewing—Colorado is claiming it is bigger than Texas.

Press dispatches from Denver quote Thomas B. Burnite, of that city, as saying Colorado is larger than Texas— from a cubic foot standpoint—because of its mountains. Burnite points out that Colorado's volume of 134,349 cubic miles tops the nearly 86,070 cubic miles of Texas, which rates as ninth in the nation.

However, Burnite admits that the 267,339 square miles of Texas is much better than the 104,247 claimed by Colorado.

The guest turned to his neighbor at a party as a lady began to sing, and said:

"What a terrible voice. Do you know her?"

"Yes," the man replied. "She's my wife."

"Oh, I beg your pardon. It isn't her voice, really; it's the stuff she has to sing. I wonder who wrote that awful song!"

"I did," was the answer.

Camera Club To Study How To Make Portraits

(Continued From Page 1)
meeting so that they can take their own portraits after hearing instructions by Thompson.

The model for the portrait making at the February meeting will be Joyce Wendolkowski, Dept. A15N.

Following this club meeting Thompson will return in March to view the pictures made by club members and to offer criticisms on each portrait. Thompson also will exhibit some of his own portrait work with explanations of the technique used on each picture.

Print Contest Is Scheduled

In addition to the Thompson lecture at the February meeting the Carbide Camera Club will hold a black and white print contest with the topic of the pictures being glass. Don Mattern, former president of the Knoxville Camera Club, will judge the entries.

All entries for this contest must be submitted by Friday, February 4, either at Taylor's Photo Shop or at the home of Stetson, 105 West Magnolia Lane. Stetson points out that the usual period of one week between the filing of entries and the contest has been changed for this meeting and that the deadline dates for future contests may be changed from time to time.

Interest Shown In Club

Good results have been received from the announcement in The Y-12 Bulletin last week of the club invitation to all Carbide and Carbon Chemicals Corporation employees in Oak Ridge to join the Carbide Camera Club. Anyone desiring further information on instruction and facilities offered by the club, dues and other details are urged to telephone Bainbridge at 7098, Stetson at 7295 or Frank Neill, club secretary-treasurer, at 7-8444.

Members of the Carbide Camera Club and the Oak Ridge Camera Club will hold a joint social session featuring a buffet supper at 7 o'clock tonight at the Ridge Recreation Hall. Prize winning color slides made by Carbide Camera Club members during the past year will be shown in addition to black and white prints by the Oak Ridge group and a traveling exhibit from the Cairo, Ill., Camera Club. Tickets for the dinner cost \$1.50 and Y-12 club members may obtain them from Bainbridge.

President Hears 'Big Toot' Tune In Washington

"Big Toot," a 32-inch steam callopie with years of circus service behind it, was one of the features of the inaugural parade for President Truman in Washington January 20, according to a press dispatch from Louisville, Ky.

After finishing a 30-week circus tour last autumn the callopie, property of the Cole Brothers circus wintering in Louisville, was given a complete beauty treatment for its trip to Washington. Its rusty pipes were cleaned and adjusted so it played "I'm Just Wild About Harry" with gusto as it puffed along Pennsylvania Ave. housed in a hard-carved circus wagon 100 years old; The wagon was drawn by six white horses.

Tommy Comstock, the regular performer on the callopie, was at the keyboard as the noise-creating instrument brought up the rear of the parade in real circus fashion.

Hospital List

The following Y-12 employees were patients at the Oak Ridge Hospital last week: R. G. Marlar, Dept. M12P; Leslie K. Flynn, Dept. A17N; Raymond E. Mellen, Dept. A13N; Mary E. Ballard, Dept. B13L; Betty J. Sherman, Dept. B12L; Lloyd Wisecarver, Dept. A17N.

A total of 23 per cent of the deaths by fire in the United States during 1947 were children under five years of age.



J. R. Robinette, Dept. A13S, spent a recent week end taking in the sights at Lookout Mountain. Joe Evans visited with friends in Jefferson City.

Dept. A14N welcomes J. C. Ezell and D. P. Anderson back on the job after an illness. . . Sympathy is extended to U. L. Alspaugh, whose father died in Taylorsville, N. C., January 19. . . Evan Means went fishing at Watts Bar Lake recently and reports a creel of three crappie and a striped bass.

Dept. A12M reports Mr. and Mrs. J. L. Markland are the proud parents of a baby girl, Brenda Carol. Athala Markland, the baby's mother, is a former Y-12er.

Dept. A12D extends get well wishes to Penny Keene who continues ill.

Margaret Johnson, Dept. A12S, made a flying trip to Tuscaloosa, Ala. . . L. A. Ross is back on the job after a brief illness.

Dorothy Brashears, Dept. M12P, returned after vacationing in Bluefield, W. Va. . . Marjorie Giles visited with friends in Chattanooga. Recent guest of Corinne Hill was Bruck Kane who was returning from a trip to South America. . . Ruby Shoffner, former Y-12 employee, is the proud mother of a baby girl, Sharon Kay. . . Martha and Winfred Ray visited with Martha's parents in Fulton, Ky. . . Bessie Phillips and her family visited with relatives in Lenoir City. . . Get well wishes are extended to Velma Church, who is ill.

Bob Burgin, Associate Editor of The Y-12 Bulletin, spent a hectic week end setting up housekeeping. Ruby Sanders and her husband went fishing over the week end and report exceedingly poor reception on the part of the fish. . . Paul Ward of the Housing Office reports his six-month-old son, Robert Paul, Jr., has its first front tooth—the first installment on his requested Christmas present.

Dept. B13L extends get well wishes to Hazel Price who is on the sick list.

Opponents report Arnold Tiller, Y-12 Recreation Director, is practicing for spring plowing at the Oak Ridge Golf and Country Club—replace your divots please.

Helen Brown, Dept. A12P, visited with friends in Murfreesboro, Tenn. over the week end.

C. L. Cotter and T. R. Smith, both of Dept. A12G, are on the vacation list. . . A speedy recovery wish is extended to Assistant Guard Chief W. O. Watson, who is ill at his home in Oak Ridge. . . Capt. H. L. Dickerson and his family made a week-end visit with relatives in Morristown. . . L. F. Bellamy, and his wife visited in Bristol, Va., and Kingsport. . .

Ann Ramey, former Y-12 employee, is now an instructor in psychology and sociology at the University of Tennessee.

Dept. M12P extends get well wishes to Lloyd Tolliver, who continues ill. . . We are happy to hear George Strasser's son, who is on the sick list, is getting well fast.

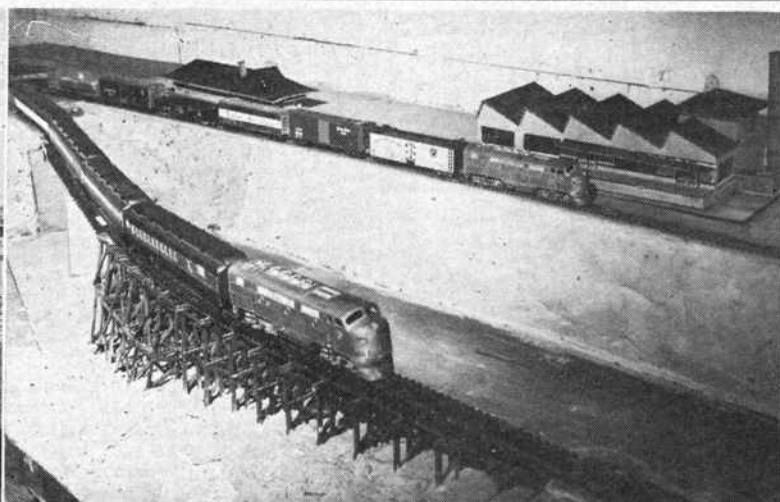
Dept. A12W extends a speedy recovery wish to Emil Vincens who is ill in a Knoxville hospital.

No March Of Dimes Campaign In Ridge

No March of Dimes campaign will be held in Oak Ridge this year, as funds for the Oak Ridge Crippled Children's program were raised through the Oak Ridge Community Chest drive last year, it has been announced by Bertis E. Capehart, chairman of the Crippled Children's Committee of the city. The Oak Ridge committee is a part of the Anderson County Chapter of the National Foundation for Infantile Paralysis and the Community Chest funds allocated last year included the city's share in the Anderson County polio quota.

NOT-SO-SMART SOLDIERS

A pair of United States soldiers at Bremerhaven, Germany, collected about 50,000 used tickets to a movie and re-sold them to other soldiers. They were dishonorably discharged, a recent news story from Germany related.



'Tennessee Southern' Operation Enjoyed By Model Railroad Club

Established in a building on Oak Ridge Turnpike and Fayal Road are the headquarters for one of the outstanding hobby projects in the Atomic City—the Oak Ridge Model Railroad Club. Sole owners and operators of the Tennessee Southern Railroad—this group of 17 Oak Ridgers meets twice weekly and have every bit of the fun attributed to all the "grown up kids" who like mechanical and electrical toys.

However, before being struck by one of the T. S. Diesel engines, let it hastily be said that the Oak Ridge Model Railroad Club membership, like others of similar clubs scattered from coast to coast, regard "playing with toy trains" as only befitting schmoos. No "store-bought" trains for them—as every bit of equipment from rolling stock to rails, is assembled by club members. The necessary paraphernalia is obtained in knock-down form in kits from manufacturers who specialize in such items and who, incidentally, are doing a land-office business throughout the United States.

Three Y-12ers Active In Club

Naturally, as in other civic projects, Y-12 men are active in the club. At present the three Y-12ers participating in the Monday and Thursday night activities of the Tennessee Southern are R. S. Lowrie, Dept. H12D, who is secretary of the club; O. C. Yonts and N. V. Smith, both of Dept. H12L.

The Tennessee Southern was founded December 17, 1946, by a group of Oak Ridge men representing all major contractors on the area and a typical cross section of Oak Ridge life. Among the charter members were Lowrie, W. J. Greeter, then of K-25 and now of the Oak Ridge National Laboratory, Ira Whitney and K. N. Forrestal, also of ORNL.

Original plans for the Tennessee Southern pictured a scale construction of a connection between the Southern Railroad at Blair Station with the Louisville and Nashville Railroad at Elza Junction. However, space limitations and other considerations resulted in modification of the proposed layout to follow a plan that had won second prize in a national contest conducted by "Model Railroad" magazine, publication of the National Model Railroad Association.

Ground Broken In 1947

"Ground was broken" for the Tennessee Southern in February 1947, and when all contemplated work is completed it will be one of the largest model railroad systems in the Southeast, with more than 2,000 linear feet of track and all the "trimmings" that go with a modern, full-scale railroad.

Construction of the Tennessee Southern is on a scale of 3.5 millimeters to the foot, which is about 60 feet to one mile. This scale applies to the track gauge, known to the model railroad brotherhood as "HO" and also to the rolling stock.

Rolling stock of the Tennessee Southern is steadily growing as members continue to add passenger and freight cars, Diesel and steam-type locomotives patterned exactly after their prototypes on real railroads. All of this equipment is pooled in the operation of the line.

Layout Is 50 By 20 Feet

At present the club has 300 freight cars of all types, 25 passenger cars, 14 Diesel engines of the unit type that can be operated singly or in tandem, and eight steam engines. On the "right of

way," which is approximately 50 feet long by 20 feet wide, are two main yards, two roundhouses, a Diesel shop, helper yard, a stretch of track climbing a mountain as high as any elevation in the Smokies (to scale, of course), a trestle over the "Clinch River," a bascule bridge that involved many hours of work to construct, signals and other gadgets required on a regular railroad.

That bascule bridge probably is the most complex single bit of equipment on the T. S. It is a scale model of the type used by the Milwaukee Road across the Chicago River and contains 5,000 individual parts. It took M. B. Howkins, of the Atomic Energy Commission, 300 hours of work to construct the span.

The present layout includes three divisions, two being "sea level" operations and the other a "mountain" division. Trains on the upper level are 10 inches higher than those on the main line and the "mountain" will be a formidable range with two and one-half per cent grades and many curves. Two or three engines are required to pull freight trains over this "foothill" of the Smokies.

Electrical Work Is Complex

The electrical work on the Tennessee Southern is one of the most complex single items in the entire project. More than 12,000 feet of wire has been used so far in the construction and the railroad is only about 40 percent complete. When the present plans for the road are carried out the Tennessee Southern will have 75 control blocks with toggle switches and signal lights. Relay control was desired at first by the club members but this phase was definitely postponed because of the expense involved.

Actual operation of the trains on the Tennessee Southern is far from haphazard. Members just don't step up to the control board, push a button or two and watch the engines and cars take off.

On the other hand, rules of the American Association of Railroads are used for operation. These are the rules that provide for rights of way for trains of certain types moving in certain directions and timetables operations. At present the Oak Ridgers use a timetable calling for a certain number of seconds for passage of a train from one point to another. In place of directional rights of way, the club gives preference to trains running in a counter-clockwise direction around the circular layout of track, with other trains being required to take to a siding to let the preferred units pass.

How Trains Are Operated

When the club meets at 7:30 o'clock every Monday and Thursday night for operation of the T. S., crews of two are assigned to each train. Just like a regular railroad, dispatchers, trainmasters and other officials control the running of the trains. The crews are composed of a conductor and engineer. The engineer operates the train from a control panel, subject to instructions by telephone from the dispatcher, and the conductor follows progress of the train and also is in touch with the engineer by telephone. Following all of the complex problems facing railroaders—the Oak Ridge clubbers manage to have a swell night of fun at every meeting.

Present officers of the club in-

clude F. V. Summers, of Fairchild, president; L. O. Wetzel, of the Atomic Energy Commission, vice president; M. W. Kimbrell, of the Southern Bell Telephone Co., treasurer; and R. S. Lowrie, of Y-12, secretary. Operating officers include O. C. Yonts, of Y-12, chairman of the committee on rules of operation; I. B. Whitney, chief engineer; M. W. Kimbrell, signal superintendent; and K. N. Forrestal, electrical superintendent. The club has approximately 20 members.

During construction of the Tennessee Southern much technical advice and encouragement was given the club by C. E. Burchfield, assistant trainmaster of the Knoxville Division of the Southern Railroad. When the Oak Ridge club was host last November to the Southeastern Region meeting of the National Model Railroad Association, attended by 50 persons, the club sponsored a trip through the Coster shops of the Southern in Knoxville.

Every member of the club contributes as much time and effort to the project as possible and new members will be cordially welcomed. Candidates for membership must serve a four-week apprenticeship after which the candidacy is voted on by the entire club membership.

No previous experience in model railroading is necessary for prospective new members—as only enthusiasm and application to the project are asked. On receipt of a \$5 membership fee, the new member receives six shares of stock in the Tennessee Southern and an additional share is issued for each month when the 80-cent monthly dues are paid.

PAINTED POOCH PROVOKING Dr. Lloyd Russell, of Weatherford, Okla., is asking a lot when he says "love me, love my dog." Dr. Russell's pooch wandered into the garage of a neighbor, Louis Loftis, according to a news dispatch from the Oklahoma city, and bathed in a bucket of red paint. The painted pup then climbed into the rear seat of Loftis' automobile for a nap.

THREE Y-12ERS ARE AMONG THE ACTIVE MEMBERS OF the Oak Ridge Model Railroad Club. At left above they are, from left, Oliver C. Yonts, Dept. H12L; Robert S. Lowrie, Dept. H12D, secretary of the club; and N. V. Smith, Dept. H12L. The bascule bridge in the picture is one of the most intricate bits of equipment in the club track layout, requiring more than 300 hours to build. The upper right picture shows a model freight train pulling past a station into a warehouse sidetrack as a passenger train swings around on a trestle to pass. Yonts built the model Diesel engine pulling the freight train while Lowrie assembled the Diesel at the head of the passenger train. The lower picture shows parts of the two levels of operation of the Tennessee Southern Railroad, operated by the club. Cars of the freight train on the upper level were constructed by Yonts while Lowrie's Diesel engine is hitched to the freight on the lower level.

Y-12 Photos By Vince Moore

Standings In Plant Bowling League

B LEAGUE					
Team	W	L	Team	W	L
Woodpeckers	15	5	Wolves	10	10
One-91	14	6	Cubs	9	11
Rippers	14	6	Burns	8	12
All Stars	13	7	Mules	7	13
Maintenance	11	9	Comets	6	14
Head Pins	10	10	A12M	3	17
C LEAGUE					
Team	W	L	Team	W	L
Thin Pins	16	8	Guards	12	12
Orphans	13	11	Moles	11	13
Bldg. 9206	13	11	Hooks	10	14
Materializers	12	12	Knucklebusters	10	14
D LEAGUE					
Team	W	L	Team	W	L
Overheads	8	0	Termites	3	5
Scotties	7	1	Splinters	3	5
Old Men	4	4	Pinbusters	2	6
Strikers	3	5	Woodchoppers	2	6
H12L LEAGUE					
Team	W	L	Team	W	L
Apple Knockers	8	4	Cherry Pickers	5	7
Beetle Baums	7	5	Jim Crows	4	8
W LEAGUE					
Team	W	L	Team	W	L
Kemps	4	2	Hi Balls	3	3
Wholly Rollers	4	2	Comptrollers	2	4
Pick-Ups	3	3	Dodgers	2	4

Tulip Town Defeats Y-12 Despite Poindexter's Bowling

Oleyne Poindexter led the Y-12 varsity keglerettes in scoring against the Tulip Town lassies yet the margin was not enough to hold down the league leaders as Tulip Town blanked the Y-12 girls.

Poindexter rolled a total series score of 419 followed by Daisy Ward with 394, Margaret O'Neil with 374, Inez Reece with 372 and Nancy Doane with 365.

The Tulip Towners amassed 2,134 pins in the series to 2,008 for Y-12. The varsity gals are standing sixth place in the Oak Ridge City Women's League. They are slated to meet the Norris Creamery five on Thursday night.

League standing follows:

Team	W	L	Team	W	L
Tulip Town	40	14	Muny Market	27	27
Norris C.	34	20	Knox Blue P.	24	30
K-25	32	22	R-A	22	32
Marot	31	23	Sure Shots	18	36
ORNL	31	23	Merchants	18	36
Y-12	29	25	Fairchild	18	36

Hints For Bad Weather Driving Are Given

Approaching winter weather with its accompanying bad driving conditions caused by roads made slick by rain, snow or ice and bad visibility provides many highway hazards for motorists. However, many of them can be overcome by the use of caution on the part of drivers.

Here are a few suggestions by the Travelers Insurance Co., of Hartford, Conn., for the winter driver.

Can Test Road Conditions

1. Drive at reduced speed during inclement weather when roads are slick or visibility is poor. A sensible rate of speed may be established by testing road conditions at the beginning of a journey. Be sure no other cars are near, then try the brakes. Apply throttle to test traction and acceleration.

2. Use hand signals for every turn or stop. This ordinary precaution and required by law in many localities becomes imperative for bad weather when visibility is reduced. An open window may let in rain, snow and cold, but a signal can save a life.

Keep Windshield, Windows Clean

3. Keep windshield and windows clean. Visibility can be lost on both the inside and outside of automobile glass. Be sure windshield wipers are working, and, if necessary, stop occasionally to wipe off snow, ice or mud. Use defrosters or keep a window open enough to prevent frost and fog inside the vehicle from blinding the driver.

4. Use brakes sparingly. Vehicles should be left in gear and slowed by losing momentum wherever possible. When time comes to apply brakes, depress them carefully and pump them up and down as jamming may lock the brakes and throw the car into a skid.

Tire Chains Big Help

5. Use tire chains on icy or snowy roads. Tests have proved chains cut down braking distances from 40 to 50 per cent. Chains are not a cure-all for winter driving hazards, but they will help the careful driver.

6. If driving conditions are extremely bad, do not make the trip unless it is a matter of life and death — because that's what the trip becomes.

Motley, Walker And Burnett Win For Y-12 Pool Sharks

The Y-12 varsity cuemen rose from the cellar spot last week in the Oak Ridge Pocket Billiard League by trimming K-25 to the tune of four to two. Motley, Walker and Burnett were the victors for Y-12, each getting 75 points.

Red Weist dropped his game to Sproles 52 to 75 and W. Minge lost to Linville 63 to 7 for Y-12's losing points.

The Y-12ers totaled 340 points for the series to 328 for K-25. W. B. Motley pocketed 31 points for the night's high run. He was followed by Bill Walker with 25 points.

The Y-12 sharks were slated to meet the Oak Ridge National Laboratory last Sunday night and will engage Roane-Anderson on January 31.

Roane-Anderson led the league as of January 22 with 13 wins and five losses. They were followed by Y-12 and ORNL with eight wins and 10 defeats each. K-25 trailed the loop with seven victories and 11 defeats.

Feminine Robber Has New Angle

Strange happenings in Somerville, Mass., are reported in a recent news story from that city.

Peter Owens, returning home late at night, was surprised when an automobile drew alongside and a red-headed young woman jumped from it into his car and gave him a big hug. Minutes later the young woman jumped back into her own automobile and drove away with two men companions. Owens thought it was just a gag on a dare—but when he arrived home he found the visitor had picked his pocket of his wallet and valuable papers.

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Robins, Calutrons Meet Jellico Cagers Tonight In Twin Bill; Cagerettes Divide In City Loop

The Y-12 Robins will meet the Jellico sextet tonight at the Old Jefferson gymnasium in a non-league encounter. The Calutrons will engage the men's team from Jellico in the other half of a double-header. Game time is set for 7:30 p.m. and there will be no admission charges. Many Y-12 supporters are expected to attend the encounters with the foreign clubs.

The Robins won one and lost one in last week's Women's City League basketball play. The cagerettes led by Helen Brown and Margaret

Evans, defeated the Oak Ridge National Laboratory club last Wednesday night 26 to 21. Brown was Y-12's high scorer with 14 points followed by Evans with nine.

Virginia Bowers accounted for two points for Y-12 and Margaret Johnson made one foul shot for one point.

The league leading Roane-Andersonites topped the Robins on January 17 at Jefferson gymnasium, 33 to 23. Joan Gilliam and Virginia Bowers led the Robins in scoring with five points each. Helen Brown

and Margaret Evans each accounted for four points. Katherine Jenkins tallied three points while Shirley Brown and Hazel Butler made one free throw each.

Loy led the Roane-Anderson group with 13 points. The league leaders haven't lost a game this season as of January 20.

The Robins will meet Roane-Anderson again tomorrow night at the new Jefferson gymnasium at 8 o'clock. They engage K-25 on January 28 at 6:45 p.m. and ORNL on January 31 at 6:45 p.m. at the new Jefferson gymnasium.

SPORTS NEWS

Pletz Leads Keglers Into Second Place

Y-12 varsity pinmen have moved into second place in the Oak Ridge City Bowling League by taking three points from the Monroe Calculators in last week's play. The coveted position now occupied by the Y-12ers marks the end of the third round before the roll-off which was scheduled last night.

The Y-12 keggers began the season in the lower division of the loop standing and started a steady climb up the ladder to their present position.

Allards still hold the first place spot with 22 wins against two defeats. Y-12 has won 16 points and dropped eight.

Rudy Pletz was the high scorer for Y-12 against Monroe. He rolled a 561 for his total score. Other Y-12 players and their scores include Nick Zibenco 525, Bruce Whitaker 521, Nelson Tibbatts 489 and Ernie Cobble 485.

The Y-12ers game scores were 774, 941, and 784, totaling 2,523.

A roll-off was slated for last night marking the end of the third round. Y-12 was to have played Allards in position play. The Y-12 keggers engage the Roane-Anderson pinmen next Monday night.

League standing follows:

Team	W	L	Team	W	L
Allards	22	2	W. Grocers	12	12
Y-12	16	8	Clinch Radio	11	13
Marot	14	10	S & B	10	14
Addressograph	13	11	ORNL	10	14
R-A	13	11	Monroe	9	15
K-25	12	12	Fairchild	2	22

Davis And Bowles Win D League Pin Honors

The Overheads are leading the D League pinmen with eight consecutive wins in loop play. They topped the Woodchoppers last Wednesday by taking all four points.

Second place in the league is held by the Scotties who tripped the Splinters for three points to make their season's record for the third round, seven wins and one defeat.

The Old Men blanked the Pinbusters while the Strikers took three points from the Termites. The Termites rolled the team high scratch series with 2,233 pins and the Old Men won the team high handicap series with 2,901 pins. The Scotties captured the team high scratch singles with 832 pins and the team high handicap single with 1,038 pins.

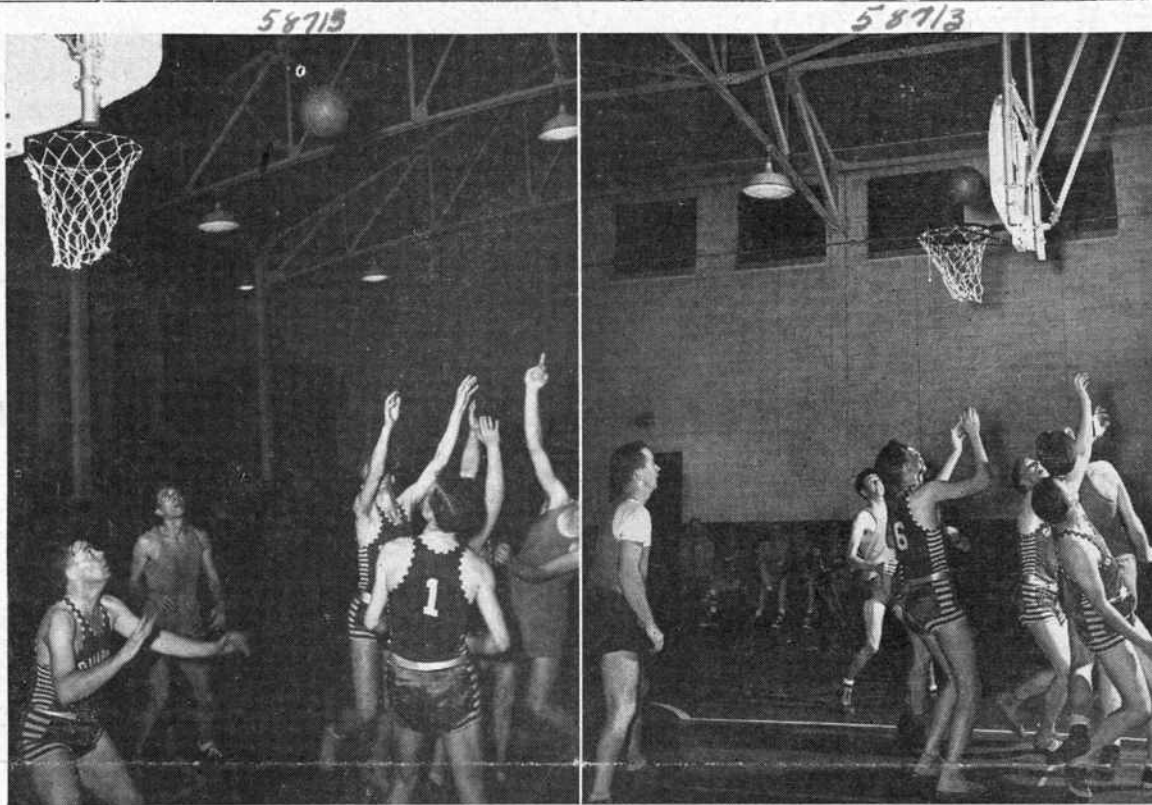
Davis, of the Old Men, rolled a 677 to win high individual handicap series score and 244 for high individual handicap single game. Bowles, of the Overheads, bowled a 538 for high scratch series in the individual class.

Friend: "Was your uncle's mind vigorous and sane up to the very last?"

Heir: "I don't know — the will won't be read until tomorrow."

**More Sport News
On Page Three**

CALUTRONS COP FIRST HALF CAGE HONORS



Knox And Boody Score High Games In C Loop

Knox and Boody, both of the Materializers, captured the high individual honors in the C Bowling League last week in their encounter with the Orphans.

Team honors were taken by Knucklebusters and Guards. The Knucklebusters rolled 1,002 in the team single handicap class and the Guards bowled 2,888 in the team handicap series class. Knox rolled 234 for high individual handicap single, and Boody toppled 638 pins for high individual handicap series.

The Thin Pins remained at the top of the plant league followed by the Orphans and Bldg. 9206. The teams occupied the same positions the previous week yet failed to win a match last week.

The Moles tripped the loop leaders by shutting them, out and the Materializers won three points from the Orphans. The Knucklebusters captured three points from the Bldg. 9206 keggers. The remaining league game gave the Guards a three-point win over the Hooks.

Hutchison Scores 630 Series To Give Kemps Tie For Top

Desma Hutchison, bowling for the Kemps in the W pin loop, scored 237 for high individual handicap single game last Thursday night and 630 for high individual handicap series score.

The Kemps rolled a handicap series score of 2,263 for the high team honors and tied the Wholly Rollers for the league lead.

The Kemps dumped the Hi Balls for two points and the Wholly Rollers won two from the Dodgers. The Beta Pick-Ups gave the Comp-trollers a ride by taking two points from them.

It is the fresh egg that gets slapped in the pan.



THE CALUTRONS CAPTURED THE FIRST HALF CHAMPIONSHIP of the plant basketball league last week by dumping the Guards 39 to 28. The action shots above were made in the encounter at Scarboro gymnasium. Top left from left to right shows Williams, Cottrell, Rackley and Blankenship, with the No. 1 shirt. Struggling for the rebound in the top right picture under the basket are Calloway, Rackley, Blankenship, Williams and Ramsey. Crouse is shown at left. The champs are shown in the bottom picture, all smiles. Standing from left to right are Calloway, Braden, Cottrell, Ramsey, Horton, Mason, and Didson. Kneeling are Coach Phillips and Crouse.

Music Listening Program Is Set

Overtures to "The Magic Flute" and the "Barber of Seville" will feature the first part of the program of the Oak Ridge Listening Group at 8 o'clock Thursday night, January 27, in the East Lounge of the Ridge Recreation Hall. Miss Estelle Hayes will present the program.

Other offerings will include "Till Eulenspiegel" and Polovestian Dances from "Prince Igor." Also to be offered will be a piano arrangement of Bach's Partita No. 3 played by Rachmaninoff and the Symphony No. 3 for organ, two pianos and orchestra by Camille Saint-Saens.

Y-12 Photos By Vince Moore

Appleknockers Take First In H12L Loop Shakeup

The H12L League had a good shaking up last Thursday night, breaking the tie-up and putting the Appleknockers in the lead.

The new leaders shut out the Jim Crows while the Beetle Baums plucked three points from the Cherry Pickers in turn-about-play.

The Cherry Pickers captured the team high scratch score with 725 points and the Appleknockers won the team high handicap with 1,002 pins.

Individual honors were taken by Savage, of the Jim Crows, and Patton, of the Cherry Pickers. Savage won high scratch game with 233 and Patton the high handicap game with 257.

Wallop Guards, 26-17; Ramsey Leads Scorers

The Calutrons won the first half of the season basketball crown in the Y-12 Plant League last week by dropping the Guardsmen 33 to 23 and opened the second half by trouncing the Rough House Five 26 to 17.

John Ramsey is the Calutron's leading sparkplug. The tall center scored 105 points during the first half in the 10 games he played.

Other High Scores Listed

Bill Prater, of the Isotopes, is the second highest point man with 75 in eight games. Saine, of the Rough House Five, and Cottrell, of the Calutrons, have scored 65 points each in 10 games.

Bldg. 9212 opened the second half with a 24 to 22 win over the Sure Shots. The 9212ers won their last game of the first half by topping the Rough House Five 30 to 23.

The Guardsmen tripped the Isotopes 29 to 21 in their first half event and the Isotopes won their last game of the first half by defeating the Sure Shots 36 to 32.

Three Tied For League Lead

The Calutrons, Guards and Bldg. 9212 are now leading the league in the second half with one win each.

Other high scorers in the plant league for the first half include Shoemaker and Blankenship, both of the Guards, with 57 points each in nine encounters, Kappleman, of the Isotopes, with 49 points in nine games; Foster, of the Rough House Five with 47 in eight games; Rice, of the Sure Shots with 42 points in nine matches; and Wright, of Bldg. 9212 with 40 points in seven games.

Schedule Is Announced

The Y-12 plant league basketball schedule through January 31 follows:

Wednesday, January 26, Scarboro—6:30 p.m. Rough House Five vs. Bldg. 9212; 7:30 p.m. Guards vs. Calutrons; 8:30 p.m. Sure Shots vs. Isotopes.

Monday, January 31, Scarboro—6:30 p.m. Sure Shots vs. Guards; 7:30 p.m. Rough House Five vs. Isotopes; 8:30 p.m. Calutrons vs. Bldg. 9212.

Woodpeckers Wallop One-91; Take Lead

The Woodpeckers took the B Bowling League lead away from One-91 last Thursday night to give them a one-point margin at the top of the standing.

The new leaders tripped the One-91ers for three points. The Rippers stripped the All Stars for three points and the Wolves did likewise to the Comets. The Cubs dropped three points to "those Bums" last Thursday night.

Maintenance split with the Head Pins and the Mules paired off with A12M.

The Rippers took two team high scores and one individual high tally. Duncan won the high individual handicap single game for the Rippers with 256. The team captured the high handicap single with 1,057 and the high handicap series with 2,921.

Sise, of the Wolves, rolled 635 for high individual handicap series.